

## **IFR Training Scenario #9**

**Mission:** Transport 12,000 lbs. internal cargo from RGNL (HGR) to Winchester RGNL (OKV) Drop 5 personnel, take remainder of cargo and personnel to Lancaster (LNS).

**WX:** See attached DD Form 175-1

**NOTAMS:** Check Defense Internet NOTAM System  
<https://www.notams.jcs.mil> or see Notice to Airmen Publication.  
Applicable NOTAM (D), NOTAM (L), and FDC NOTAM information is included in the Remarks Block of DD Form 175-1.

**Aircraft:** CH-47F w/T55-L-714A Engines  
C-6533/ARC – ICS  
AN/ARC-186 – VHF Communication  
AN/ARN-123 – VHF Navigation  
AN/ARN-89 – Direction Finder Set  
AN/APX-100 – Transponder  
AN/ASN-128B – Doppler GPS Navigation Set  
AN/ARC-220 – HF Radio Set  
AN/ARC-201 – VHF FM Radio SINCGARS  
TSEC/KY-100 – Secure Voice and Data

**DD 365-4:** On File at KMUI

### **Performance Planning:**

Departure: Temp +22° C  
PA +715  
44,000 lbs. GWT at Departure

Enroute: See DD Form 175-1

Arrival: Temp +23°C  
PA +452

**KHGR ASOS**

Hagerstown Regional  
Automated Surface Observing System

Time: \_\_\_\_\_Z

Wind 250/05

Visibility 1 mile

Ceiling 003 OVC

Temperature 22 Dew point 20

Altimeter 29.90

**KHGR Clearance**

Guard Copter 23385 is cleared to Winchester Regional.

Via Hagerstown V268 Westminister.

Climb to and maintain 5000.

Dover Departure frequency will be 132.425 257.875

Squawk 4065

**Enroute**

Frequency change to

Potomac Approach 120.45 343.775

**KOKV AWOS**

Winchester Regional Airport

Automated Weather Observation

Time: \_\_\_\_\_Z

Wind 250/05

Visibility 1 mile

Ceiling 002 OVC

Altimeter 29.91

**KLNS Clearance**

Guard Copter 23385 is cleared to Lancaster.

Via Westminister V457 Lancaster.

Climb to and maintain 5000.

Potomac Departure frequency will be 120.45 343.775

Squawk 4037

**Enroute**

Frequency change to

Harrisburg Approach 120.9 251.1

**LNS ATIS**

Lancaster Information B

Time: \_\_\_\_\_Z

Wind 270/10

1 1/4 mile fog

007 OVC

Temperature 23 Dew Point 22

Altimeter 29.89

Traffic landing and departing RWY 31/26

Advise initial contact you have information B

FLIGHT WEATHER BRIEFING											
PART I - TAKEOFF DATA											
1. DATE	2. ACFT TYPE/NO. CH-47/011	3. DEP PT/ETD KHGR/ Z	4. RWY TEMP +10 °F/C	5. DEWPOINT °F/C	6. TEMP DEV	7. PRES ALT +700 FT	8. DENSITY ALT FT				
9. SFC WIND 2508 M T	10. CLIMB WINDS 25010		11. LOCAL WEATHER WATCH/WARNING/ADVISORY None				12. RSC/RCR				
13. REMARKS/TAKEOFF ALTN FCST OVC 004 1 RA											
PART II - ENROUTE & MISSION DATA											
14. FLT LEVEL/WINDS/TEMP 020/25010/+10 020/26015/+08 060/26018/+06			15. SPACE WEATHER			16. SOLAR/ LUNAR		LOCATION			
			NO IMPACT MARGINAL SEVERE			BMNT Z					
			FREQ			SR Z		MR Z			
			GPS			SS Z		MS Z			
			RAD			EENT Z		ILLUM %			
17. CLOUDS AT FLT LEVEL <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> IN AND OUT				18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO TYPE Precipitation							
19. MINIMUM CEILING - LOCATION PA Mts. FT AGL				20. MAXIMUM CLOUD TOPS - LOCATION 080 Rte. FT MSL				21. MINIMUM FREEZING LVL - LOCATION 060 Rte. FT MSL			
22. THUNDERSTORMS			23. TURBULENCE			24. ICING			25. PRECIPITATION		
CHART			CHART Category 1			CHART			CHART		
<input checked="" type="checkbox"/> NONE <input type="checkbox"/> AREA <input type="checkbox"/> LINE			<input type="checkbox"/> NONE <input type="checkbox"/> IN CLEAR <input type="checkbox"/> IN CLOUD			<input type="checkbox"/> NONE <input type="checkbox"/> RIME <input type="checkbox"/> MIXED <input type="checkbox"/> CLEAR			<input type="checkbox"/> NONE <input type="checkbox"/> DRIZZLE <input type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> PELLET		
ISOLATED 1 - 2%			LIGHT <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			TRACE			LIGHT <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
FEW 3 - 15%			MODERATE			LIGHT <input type="checkbox"/> <input checked="" type="checkbox"/>			MODERATE		
SCATTERED 16 - 45%			SEVERE			MODERATE			HEAVY		
NUMEROUS - MORE THAN 45%			EXTREME			SEVERE			SHOWERS		
HAIL, SEVERE TURBULENCE & ICING, HEAVY PRECIPITATION, LIGHTNING & WIND SHEAR EXPECTED IN AND NEAR THUNDERSTORMS.			LEVELS 020 - 120			LEVELS			FREEZING LOCATION		
LOCATION			LOCATION Rte			LOCATION Rte			Rte		
PART III - AERODROME FORECASTS											
26.	27. VALID TIME	28. SFC WIND	29. VSBY/WEA	30. CLOUD LAYERS		31. ALTIMETER	RWY TEMP	PRES ALT			
DEST/ALTN KOKV	Z TO Z	27012 M T	1 1/4 BR	FEW004 BKN005 OVC009		INS 29.91	°F/C +6	+733		FT	
DEST/ALTN KLNS	Z TO Z	28010 M T	1 1/4 BR	BKN 007		INS 29.89	°F/C +6	+344		FT	
DEST/ALTN KMUI	Z TO Z	29008 M T	2 BR	OVC 012		INS 29.93	°F/C +6	+486		FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C			FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C			FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C			FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C			FT	
DEST/ALTN	Z TO Z	M T				INS	°F/C			INS	
PART IV - COMMENTS/REMARKS											
32. BRIEFED RSC/RCR		YES <input checked="" type="checkbox"/>	NOT AVAILABLE		33. PMSV FM 49.95	34. ATTACHMENTS		YES <input checked="" type="checkbox"/>	NO		
35. REMARKS KHGR ASOS UNRELBL R-5801 Active during VALID time on DD Form 175-1 Block 27.											
PART V - BRIEFING RECORD											
36. WX BRIEFED TIME		37. FLIMSY BRIEFING NO. IFR Scenario #5		38. FORECASTER'S INITIALS		39. NAME OF PERSON RECEIVING BRIEFING					
40. VOID TIME		41. EXTENDED TO/INITIALS		42. WX REBRIEF TIME/INITIALS		43. WX DEBRIEF TIME/INITIALS					
Z		Z		Z		Z					

DD FORM 175-1, OCT 2002
PREVIOUS EDITION MAY BE USED.

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